

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1.-7. (Cancelled).

8. (Currently Amended) ~~The vacuum heat insulator according to claim 1,~~
A vacuum heat insulator comprising:

a core;

a gas-barrier enveloping member covering the core and having a depressurized inside; and

a radiation heat transfer suppressor provided on at least one surface among external surfaces of the enveloping member,

wherein the radiation heat transfer suppressor has a first inorganic material film, and a second inorganic material film having a reflectance different from that of the first inorganic material film, and the first inorganic material film and the second inorganic material film are alternately laminated with each other.

9. (Original) The vacuum heat insulator according to claim 8, wherein the first inorganic material film and the second inorganic material film are alternately laminated in a thickness of a quarter of a wavelength providing maximum emissivity at a heat-insulating temperature.

10.-16. (Cancelled).

17. (Currently Amended) ~~The vacuum heat insulator according to claim 16,~~
A vacuum heat insulator comprising:

a core;

a gas-barrier enveloping member covering the core and having a depressurized inside; and

a radiation heat transfer suppressor provided on at least one surface among external surfaces of the enveloping member,

wherein the radiation heat transfer suppressor includes a resin substrate and a metal film provided on the resin substrate, the resin substrate is a resin film having a melting point of at least 200 degrees C, and wherein the resin film is a polyphenylene-sulfide film.

18.-24. (Cancelled).

25. (Currently Amended) An apparatus comprising:

a vacuum heat insulator having:

a core; and

a gas-barrier enveloping member covering the core and having a depressurized inside;

a heat generation source; and

a radiation heat transfer suppressor provided between the vacuum heat insulator and the heat generation source;

wherein the radiation heat transfer suppressor has a first inorganic material film, and a second inorganic material film having a reflectance different from that of the first inorganic material film, and the first inorganic material film and the second inorganic material film are alternately laminated with each other.

26. (Currently Amended) The ~~equipment~~ apparatus according to claim 25, wherein a space is provided between the heat generation source and the radiation heat transfer suppressor.

27. (Currently Amended) ~~The equipment~~ apparatus according to claim 25, wherein the radiation heat transfer suppressor is formed on at least one surface among external surfaces of the enveloping member.

28. (Currently Amended) ~~The vacuum heat insulator according to claim 2,~~ A vacuum heat insulator comprising:

a core;

a gas-barrier enveloping member covering the core and having a depressurized inside; and

a radiation heat transfer suppressor provided on at least one surface among external surfaces of the enveloping member;

wherein the radiation heat transfer suppressor is a coating including an infrared ray reflection component wherein and the infrared ray reflection components include silicon nitratenitride.

29. (Previously Presented) The vacuum heat insulator according to claim 8, wherein combination of the first inorganic material film and the second inorganic material film is any two selected from magnesium fluoride, calcium fluoride, lithium fluoride, barium fluoride, thallium bromo-iodide, thallium bromo-chloride, sodium chloride, potassium bromide, potassium chloride, silicon oxide, cesium iodide, and zinc selenide.

30. (New) An apparatus comprising:

a vacuum heat insulator having:

a core; and

a gas-barrier enveloping member covering the core and having a depressurized inside;

a heat generation source; and

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a radiation heat transfer suppressor provided on at least one surface among external surfaces of the enveloping member,

wherein the radiation heat transfer suppressor includes a resin substrate and a metal film provided on the resin substrate, the resin substrate is a resin film having a melting point of at least 200 degrees C, and the resin film is a polyphenylene-sulfide film.